Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081385.D
Acq On : 3 Sep 2015 19:44
Operator : UM/IZ
Sample : PB85376BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:01 PM

Quant Time: Sep 04 03:53:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	56682	20.00	ng		-0.01
21) Naphthalene-d8	7.66	136	225214	20.00	ng		-0.01
38) Acenaphthene-d10	9.40	164	113177	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	222278	20.00	ng		0.00
75) Chrysene-d12	13.47	240	166540	20.00	ng		0.00
86) Perylene-d12	14.78	264	108891	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	260924	71.42	ng		0.01
7) Phenol-d6	6.04	99	373501	77.24	ng		0.00
23) Nitrobenzene-d5	6.95	82	308395	66.07	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	67380	66.86	ng		0.00
44) 2-Fluorobiphenyl	8.74	172	509242	57.66	ng		-0.01
78) Terphenyl-d14	12.45	244	498216	69.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	45741	27.88	ng	#	87
3) Pyridine	2.31	79	146763	32.44	ng	#	89
4) n-Nitrosodimethylamine	2.27	42	87883	34.97	ng	#	77
6) Aniline	6.03	93	100683	14.74	ng	#	77
8) 2-Chlorophenol	6.16	128	146460	36.38	ng		93
9) Benzaldehyde	5.91	77	15388	5.08	ng	#	80
10) Phenol	6.06	94	220860	39.38	ng	#	61
11) bis(2-Chloroethyl)ether	6.12	93	156543	38.69	ng		97
12) 1,3-Dichlorobenzene	6.31	146	153008	35.57	ng	#	93
13) 1,4-Dichlorobenzene	6.39	146	153657	35.09	ng	#	90
14) 1,2-Dichlorobenzene	6.54	146	130942	33.21	ng	#	86
15) Benzyl Alcohol	6.54	79	133713	33.71	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	6.67	45	286270	36.91	ng	#	13
17) 2-Methylphenol	6.67	107	122267	38.06	ng	#	76
18) Hexachloroethane	6.88	117	59227	34.76	ng		91
19) n-Nitroso-di-n-propylamine	6.81	70	110042	33.43	ng	#	88
20) 3+4-Methylphenols	6.83	107	162031	37.41	ng		89
22) Acetophenone	6.80	105	219090	35.62	ng	#	79
24) Nitrobenzene	6.97	77	174068	35.91	ng	#	74
25) Isophorone	7.21	82	284532	32.77	ng	#	83
26) 2-Nitrophenol	7.29	139	75328	35.65	ng	#	68
27) 2,4-Dimethylphenol	7.35	122	123728	33.91	ng	#	77
28) bis(2-Chloroethoxy)methane	7.44	93	179027	35.70	ng	#	92
29) 2,4-Dichlorophenol	7.54	162	113841	35.98	ng		98
30) 1,2,4-Trichlorobenzene	7.61	180	124176	36.12	ng		99
31) Naphthalene	7.68	128	400034	33.31	ng		98
32) Benzoic acid	7.51	122	76376	30.30	ng	#	61
33) 4-Chloroaniline	7.75	127	42880	8.75	ng	#	87
34) Hexachlorobutadiene	7.80	225	70478	33.69	ng		98
35) Caprolactam	8.12	113	37492m	38.63	ng		
36) 4-Chloro-3-methylphenol	8.26	107	145350	41.04	ng	#	76
37) 2-Methylnaphthalene	8.38	142	285042	36.47	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	108106	30.20	ng		97
40) Hexachlorocyclopentadiene	8.52	237	114685	65.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	76749	31.07	ng		96
43) 2,4,5-Trichlorophenol	8.72	196	77839	30.89	ng	#	93
45) 1,1'-Biphenyl	8.84	154	348953	33.51	ng		95
46) 2-Chloronaphthalene	8.86	162	240473	31.98	ng	#	90
47) 2-Nitroaniline	8.97	65	110846	36.17	ng	#	72
48) Acenaphthylene	9.27	152	425409	31.89	ng		97
49) Dimethylphthalate	9.16	163	294205	33.46	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	56687	28.40	ng	#	6
51) Acenaphthene	9.44	154	251123	33.09	ng		88
52) 3-Nitroaniline	9.37	138	29843	13.13	ng	#	29
53) 2,4-Dinitrophenol	9.48	184	54705	65.08	ng	#	1
54) Dibenzofuran	9.61	168	391606	35.34	ng	#	89
55) 4-Nitrophenol	9.58	139	96981m	67.94	ng		
56) 2,4-Dinitrotoluene	9.61	165	75903	29.87	ng	#	4
57) Fluorene	9.94	166	277775	33.03	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.74	232	69270	36.00	ng		92
59) Diethylphthalate	9.85	149	292773	31.65	ng		93
60) 4-Chlorophenyl-phenylether	9.95	204	141854	36.19	ng		92
61) 4-Nitroaniline	9.99	138	69832	30.42	ng	#	30
62) Azobenzene	10.10	77	346365	33.68	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.02	198	40620	32.67	ng	#	74
65) n-Nitrosodiphenylamine	10.08	169	247280	30.57	ng		92
66) 4-Bromophenyl-phenylether	10.43	248	79983	35.59	ng		100
67) Hexachlorobenzene	10.49	284	80003	34.04	ng	#	81
68) Atrazine	10.62	200	86454	36.94	ng		82
69) Pentachlorophenol	10.68	266	78129	69.57	ng		98
70) Phenanthrene	10.89	178	403989	32.69	ng		96
71) Anthracene	10.95	178	432932	34.10	ng		98
72) Carbazole	11.11	167	402274	33.77	ng		97
73) Di-n-butylphthalate	11.46	149	489793	34.82	ng	#	98
74) Fluoranthene	12.07	202	456237	34.10	ng		85
76) Benzidine	12.20	184	158772	22.21	ng		98
77) Pyrene	12.28	202	472007	38.26	ng		98
79) Butylbenzylphthalate	12.94	149	197909	36.89	ng	#	82
80) Benzo(a)anthracene	13.46	228	367913	34.69	ng		97
81) 3,3'-Dichlorobenzidine	13.44	252	49933	13.96	ng		98
82) Chrysene	13.50	228	311216m	32.73	ng		
83) Bis(2-ethylhexyl)phthalate	13.51	149	257149	36.32	ng	#	92
84) Di-n-octyl phthalate	14.11	149	376012	32.25	ng		97
85) Indeno(1,2,3-cd)pyrene	15.86	276	211144	30.27	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	302608m	38.92	ng		
88) Benzo(k)fluoranthene	14.48	252	225344m	34.93	ng		
89) Benzo(a)pyrene	14.73	252	230999	35.07	ng	#	88
90) Dibenzo(a,h)anthracene	15.87	278	177706	34.91	ng	#	80
91) Benzo(g,h,i)perylene	16.18	276	179261	36.90	ng	#	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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